

ABSTRACT OF THE DISCLOSURE

An electrical raceway assembly for use with a structure is provided, comprising an elongated raceway engageable to the structure and having a length, a transverse base and a pair of opposite upstanding sidewalls extending along the length to define at least one channel configured for retaining electrical wires. A locking element is provided to securely and detachably engage the raceway to an edge of the structure. In one embodiment, the locking element includes an attachment element, a stud, a core and a locking lever. The stud has a threaded first end, an opposite second end and a shoulder between the first and second ends. The first end is insertable through an opening defined in the attachment element to engage a threaded hole in the surface of the structure. The core has a rounded outer surface and defines a thru-hole for receiving the second end of the stud. Means are provided for fixing the second end within the thru-hole. The locking lever includes a handle portion and a rounded camming portion. The camming portion defines a chamber for rotatably housing the core and a wall defining a groove in communication with the chamber for receiving the second end of the stud. The wall defines a contoured camming surface surrounding one end of the groove. The locking lever is rotatable about the second axis of the core from a first released position to a second locked position with the camming surface bearing against the attachment element to securely engage the raceway to the structure. In another embodiment, a boot is provided for bridging a pair of electrical raceways. The boot includes an elongated tubular member having a semi-U-shaped cross-section. The member also includes a first end, a second end and a flexible midsection. In

one embodiment, the midsection includes multiple corrugations. In other embodiments, The gripping members include attachment projections defined on the inner surface of the first and second ends, which are configured to engage recesses defined in the raceways. In another specific embodiment, a boot assembly is provided that includes a pair of boot sections for bridging a pair of raceways. In some embodiments, each boot includes a flange inwardly projecting from the inner surface of an end of the boot. The boot assembly also includes connecting means for connecting the opposite ends of the boots. In one embodiment, the connecting means includes a clip with a U-shaped cross-section for maintaining the flanges in pressing engagement. The invention also provides decorative plates engageable to an elongate tongue and groove along the length of the raceway. The plates include at least one elongate rib extending along the length of the plate. The rib includes a projection receivable within the groove in cooperative interlocking engagement. In a specific embodiment, a second tongue and groove is adjacent the first tongue and groove and is contiguous with the first groove to form a substantially C-shaped cross-section. In other embodiments, the rib includes a second projection extending oppositely from the first projection so that the rib has a T-shaped cross-section.